

# Python: module browser.gui\_formulate

## ***browser.gui\_formulate***

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```
# The PCMDI Data Browser Formulate Data - gui_formulate module
#
#####
#
# Module:          gui_formulate module
#
# Copyright:       "See file Legal.htm for copyright information."
#
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#
# Description:     PCMDI Software System browser formulate data. This function
#                  subslices the data and [ if need ] will take a sum, average
#                  or area weighted average of a dimension. Singleton dimensions
#                  are squeezed out (or elminated) as a result.
#
# Version:         4.0
#
#####
#-----
# NOTE: need to use version of Python that imports Tkinter and Pmw
#-----
```

## ***Modules***

<u>cdms.MV</u>	<u>cdutil</u>	<u>browser.gui_message</u>	<u>types</u>
<u>Numeric</u>	<u>gui support.gui_color</u>	<u>math</u>	<u>vcs</u>
<u>Tkinter</u>	<u>browser.gui_control</u>	<u>os</u>	
<u>cdms</u>	<u>browser.gui_functions</u>	<u>string</u>	
<u>cdtime</u>	<u>browser.gui_menu</u>	<u>sys</u>	

## ***Functions***

*data*(parent, d\_name=None, var=None, new\_var=None)

```
#-----
# Modify the data just before plotting or storing in the "Selected
#-----
```

*re\_scale\_data*(a, multiplier)

```
#-----  
# Modify the data by scaling the incoming data by the incoming mul  
#-----
```

***zapFirstDimension(a)***

```
#-----  
# Modify the data to remove only the first single dimension  
#-----
```

## ***Data***

***Pmw*** = <Pmw.Pmw\_1\_2.lib.PmwLoader.PmwLoader instance>